

RAYdetector mod.4040

The **RayDetector 4040** is a Geiger counter (radioactivity meter), different from similar analog types which are difficult to read.

It's equipped with a digital display and the sensor is a Geiger-Muller halogen tube.

It is possible to get the radioactivity measurement in the following units: mRem/h, μ Sievert/h, cps or cpm.

When a ionogenic radiation, with sufficient energy, comes into contact with the Geiger Muller tube, a lightning indicator (red led on the right of the display) and a buzzer are activated.

Technical features

Sensor:	Geiger Muller tube
Display:	8 digits alphanumeric, 48x11mm
Radiation sensitivity:	Alpha, Beta and Gamma
Range:	0,01 - 100 μ Sv/h (equivalent to 0,001 - 10 mRem/h)
Units:	mRem/h, μ Sv/h, CPS, CPM, totalizer
Buzzer:	can be disabled
Stats Function:	useful to know the average radioactivity during 1 hour or 1 day
Power consumption:	on average less than 4 mA, for over 100 hours working with alkaline batteries.
Power supply:	1 battery 9V (included)
Dimensions:	200x95x40mm
Weight:	240g
Standard accessories:	plastic carrying case



CPS	CPM	mRem/h
83,3	5000	2,2
66,6	4000	1,76
50	3000	1,32
33,3	2000	0,88
16,6	1000	0,44
8,3	500	0,22
6,6	400	0,17
5	300	0,13
3,3	200	0,08
1,6	100	0,04
1	68	0,03
	50	0,022
	40	0,017
	30	0,013
	20	0,008
	10	0,004
	5	0,002